**AMENDMENTS TO THE CLAIMS:** 

Please amend the claims as follows, substituting any amended claim(s) for the corresponding

pending claim(s):

1. (Previously Presented) An apparatus for decreasing the propagation delay time of an

electrical signal transmitted from a source along a conductor in a circuit, the apparatus

comprising:

a first conductor having a length extending from a first area of the circuit to a second

area of the circuit and for carrying an electrical signal, the first conductor having a first end

electrically coupled to the source capable of providing the electrical signal and a second end

electrically coupled to a destination;

a second conductor having a length extending from the first area of the circuit to the

second area of the circuit and located proximate the first conductor and extending substantially

parallel to and along the first conductor, the second conductor having a first end electrically

coupled in the first area of the circuit to the source and having a second end unconnected in the

second area of the circuit; and

a third conductor having a length extending from the first area of the circuit to the second

area of the circuit and located proximate the first conductor and extending substantially parallel

to and along the first conductor, the third conductor having a first end electrically coupled in the

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first area to the source and having a second end unconnected in the second area of the circuit,

and wherein the second and third conductors reduce the effective capacitance of the first

conductor thereby increasing the speed of the electrical signal when transmitted along the first

conductor, wherein the second conductor is disposed below the first conductor and the third

conductor is disposed above the first conductor.

2. (Canceled)

3. (Previously Presented) The apparatus in accordance with Claim 1, further comprising:

a fourth conductor having a length extending from the first area of the circuit to the

second area of the circuit and located proximate the first conductor and extending substantially

parallel to and along the first conductor, the fourth conductor having a first end electrically

coupled in the first area of the circuit to the source and having a second end unconnected in the

second area of the circuit; and

a fifth conductor having a length extending from the first area of the circuit to the second

area of the circuit and located proximate the first conductor and extending substantially parallel

to and along the first conductor, the fifth conductor having a first end electrically coupled in the

first area to the source and having a second end unconnected in the second area of the circuit,

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wherein the first conductor, the fourth conductor and the fifth conductor are located

substantially in a first plane.

4. (Currently Amended) The apparatus in accordance with Claim 3 wherein all each of the

conductors each comprises metal.

5. (Previously Presented) The apparatus in accordance with Claim 3 further comprising:

sixth and seventh conductors each having a length extending from the first area of the

circuit to the second area of the circuit and located proximate the second conductor and

extending substantially parallel to and along the second conductor, the sixth and seventh

conductors each having a first end electrically coupled in the first area to the source and having

a second end unconnected in the second area of the circuit; and

eighth and ninth conductors each having a length extending from the first area of the

circuit to the second area of the circuit and located proximate the third conductor and extending

substantially parallel to and along the third conductor, the eighth and ninth conductors each

having a first end electrically coupled in the first area to the source and having a second end

unconnected in the second area of the circuit.

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6. (Previously Presented) The apparatus in accordance with Claim 5 wherein the second, sixth and seventh conductors are located substantially in a second plane and the third, eighth and ninth conductors are located substantially in a third plane.

- 7. (Canceled)
- 8. (Canceled)
- 9. (Previously Presented) The apparatus in accordance with Claim 1 wherein the electrical signal comprises a clock signal, and wherein the apparatus reduces the propagation delay of the clock signal when transmitted on the first conductor.
- 10. (Original) The apparatus in accordance with Claim 1 wherein the length of the first conductor is greater than about 1000 microns.

11. (Currently Amended) An electrical conductor for increasing the speed of an electrical

signal transmitted along the conductor in an integrated circuit, the conductor comprising:

a first conductor having a first end in a first area of the integrated circuit and a second

end in a second area of the integrated circuit, and having a length extending from the first area

to the second area;

a second conductor located proximate the first conductor and having a first end in the

first area of the integrated circuit and a second end in a the second area of the integrated circuit,

and extending substantially parallel to and along the first conductor from the first area to the

second area;

a third conductor located proximate the first conductor and having a first end in the first

area of the integrated circuit and a second end in a the second area of the integrated circuit, and

extending substantially parallel to and along the first conductor from the first area to the second

area, wherein the second conductor is disposed below the first conductor and the third conductor

is disposed above the first conductor;

first means for electrically coupling the first end of the first conductor to the first end of

the second conductor, and wherein the second end of the first conductor and the second end of

the second conductor are not electrically coupled in the second area of the integrated circuit; and

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second means for electrically coupling the first end of the first conductor to the first end of the third conductor, and wherein the second end of the first conductor and the second end of

the third conductor are not electrically coupled in the second area of the integrated circuit.

12. (Canceled)

13. (Previously Presented) The electrical conductor in accordance with Claim 11, further

comprising:

a fourth conductor having a length extending from the first area of the circuit to the

second area of the circuit and located proximate the first conductor and extending substantially

parallel to and along the first conductor, the fourth conductor having a first end electrically

coupled in the first area of the circuit to the source and having a second end unconnected in the

second area of the circuit; and

a fifth conductor having a length extending from the first area of the circuit to the second

area of the circuit and located proximate the first conductor and extending substantially parallel

to and along the first conductor, the fifth conductor having a first end electrically coupled in the

first area to the source and having a second end unconnected in the second area of the circuit,

wherein the fourth conductor and the fifth conductor are located substantially in the same

plane as the first conductor.

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14. (Previously Presented) The electrical conductor in accordance with Claim 11 wherein

the coupling of the first conductor to the second conductor and to the third conductor decreases

the effective capacitance of the first conductor thus decreasing the propagation delay time of

an electrical signal when transmitted along the first conductor from the first area to the second

area of the integrated circuit.

15. (Canceled)

16. (Previously Presented) The electrical conductor in accordance with Claim 11 wherein

the length of the first conductor is greater than about 1000 microns.

17. (Previously Presented) A conductor for transmitting a clocking signal from a first area

to a second area of an integrated circuit, the conductor comprising:

a first elongated conductive portion having a first end and a second end extending from

the first area to the second area;

a second elongated conductive portion having a first end and a second end and located

proximate to and spaced apart from the first conductive portion and extending substantially

parallel with the first conductive portion from the first area to the second area;

a third elongated conductive portion having a first end and a second end and located

proximate to and spaced apart from the first conductive portion and extending substantially

parallel with the first conductive portion from the first area to the second area, wherein the

second conductive portion is disposed below the first conductive portion and the third

conductive portion is disposed above the first conductive portion;

means for electrically connecting the first end of the first conductive portion to the first

end of the second conductive portion;

means for electrically connecting the first end of the first conductive portion to the first

end of the third conductive portion;

a source located within the first area and coupled to the first ends of the first, second and

third conductive portions and capable of generating a clocking signal for transmission on the

first conductive portion from the first area to the second area; and

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wherein the first end of the first conductive portion is connected to a destination in the

second area, and the first ends of the second and third conductive portions are unconnected to

the destination.

18. (Previously Presented) The conductor in accordance with Claim 17 wherein the second

conductive portion and the third conductive portion reduce the capacitive effects on the first

conductive portion thereby reducing the propagation delay of the clocking signal when

transmitted from the first area to the second area.

19. (Previously Presented) The conductor in accordance with Claim 18 wherein the

respective length of each of the first conductive portion, the second conductive portion, and the

third conductive portion is greater than about 1000 microns.

20. (Canceled)

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21. (Withdrawn) A conductive structure for decreasing signal propagation delay,

comprising:

a first conductor;

a second conductor substantially parallel to the first conductor;

at least one switch selectively connecting the first conductor to the second conductor.

wherein the first and second conductors carry a single signal when the switch is closed and are

available to carry independent signals when the switch is open.

22. (Withdrawn) The conductive structure in accordance with Claim 21, wherein the at least

one switch is closed when the conductive structure carries a signal requiring reduced

propagation delay and is open when the conductive structure carries a signal not requiring

reduced propagation delay.

23. (Withdrawn) The conductive structure in accordance with Claim 21, further comprising:

a third conductor substantially parallel to the first conductor;

at least one other switch selectively connecting the first conductor to the third conductor,

wherein the first, second and third conductors carry a single signal when the switch is closed

and are available to carry independent signals when the switch is open.

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24. (Withdrawn) The conductive structure in accordance with Claim 23, wherein the at least

one switch and the at least one other switch each further comprise:

a first switch proximate a first end of a respective pair of the first, second and third

conductors; and

a second switch proximate a second end of a respective pair of the first, second and third

conductors.

25. (Withdrawn) The conductive structure in accordance with Claim 23, wherein the second

conductor is disposed proximate to and below the first conductor and the third conductor is

disposed proximate to and above the first conductor.

26. (Withdrawn) The conductive structure in accordance with Claim 23, wherein the second

and third conductors decrease an effective capacitance of the first conductor when the at least

one switch and the at least one other switch are closed, decreasing propagation delay of an

electrical signal transmitted along the first conductor.

27. (Withdrawn) The apparatus in accordance with Claim 1, further comprising:

at least one switch selectively connecting the first conductor to the second conductor, wherein the first and second conductors carry a single signal when the switch is closed and are available to carry independent signals when the switch is open.

- 28. (Withdrawn) The apparatus in accordance with Claim 27, wherein the at least one switch is closed for transmission of a signal requiring reduced propagation delay and is open for transmission of a signal not requiring reduced propagation delay.
- 29. (Withdrawn) The apparatus in accordance with Claim 27, further comprising:

at least one other switch selectively connecting the first conductor to the third conductor, wherein the first, second and third conductors carry a single signal when the at least one switch and the at least one other switch are closed and are available to carry independent signals when the at least one switch and the at least one other switch are open.

30. (Withdrawn) The apparatus in accordance with Claim 29, wherein the at least one switch and the at least one other switch each further comprise:

a first switch proximate a first end of a respective pair of the first, second and third conductors; and

a second switch proximate a second end of a respective pair of the first, second and third conductors.